

Patricia M. French  
Senior Attorney



300 Friberg Parkway  
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May 24, 2005

BY OVERNIGHT COURIER AND E-FILE

Mary L. Cottrell, Secretary  
Department of Telecommunications and Energy  
One South Station  
Boston, MA 02110

Re: Bay State Gas Company, D.T.E. 05-27

Dear Ms. Cottrell:

Enclosed for filing, on behalf of Bay State Gas Company ("Bay State"), please find Bay State's responses to the following information requests of the Department of Telecommunications and Energy:

DTE-01-09

DTE-03-11

DTE-03-14

Please do not hesitate to telephone me with any questions whatsoever.

Very truly yours,

Patricia M. French

cc: Caroline O'Brien Bulger, Esq., Hearing Officer (1 copy)  
A. John Sullivan, DTE (7 copies)  
Andreas Thanos, Ass't Director, Gas Division  
Alexander Cochis, Assistant Attorney General (4 copies)

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
FIRST SET OF INFORMATION REQUESTS FROM THE D.T.E.  
D. T. E. 05-27

Date: May 24, 2005

Responsible: Steven A. Barkauskas, Vice President Total Rewards  
Joseph A. Ferro, Manager, Regulatory Policy

DTE 1-9 Refer to Exh. BSG/SAB-1, at 46. Will the pension and PBOP expenses incurred during the test year be recovered in base rates or through the proposed reconciling adjustment? If recovery of these expenses is intended through the reconciling adjustment, provide the period of time over which these expenses are sought to be recovered.

Response: As indicated in the testimony of Joseph A. Ferro in Exhibit BSG/JAF-3, the recovery of the annual test year level of pension and PBOP expenses will be moved from base rates and recovered through a reconciling adjustment mechanism as a component of the Company's Local Distribution Adjustment Clause ("LDAC"). On a going forward basis, any amount of pension and PBOP expense greater than the 2004 test year level would be amortized over a three-year period, and thus, one-third of the amortized amount will be reflected in the subsequent three years' Pension and PBOP Expense Factor ("PEF"). The annual recovery period, as set out in Section 5.05 of the LDAC, proposed M.D.T.E. 37, Page 14 of 47, is November 1 through October 31.

As supported in the testimony of John E. Skirtich, Exhibit BSG/JES-1, the test year annual pension and PBOP expense is \$5,630,282.

As an example, if the Company were to experience for the twelve month period ending 12/31/2005 annual pension and PBOP expenses of \$6.5 million, then the Company would seek to recover \$5.9 million through the PEF beginning November 1, 2006:

$$\$5.6M + (\$6.5M - \$5.6M) / 3 \text{ or } \$5.6M + 0.30M = \$5.9M.$$

The additional \$300,000, plus carrying charges, would also be included in the PEF for the next two years, effective Nov. 1, 2007 and 2008.

Any difference between the actual recovery of pension and PBOP expenses and the intended recovery amount, which would be caused by the variance between actual and forecast firm sales and transportation volumes, would be recovered or returned through the Reconciliation Adjustment ( $RA_{PE}$ ).

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
THIRD SET OF INFORMATION REQUESTS FROM THE D.T.E.  
D. T. E. 05-27

Date: May 24, 2005

Responsible: Danny G. Cote, General Manager

DTE-3-11 Refer to Exh. BSG/DGC-3, n.1. Please provide a copy of the U.S. Department of Transportation Office of Pipeline Safety (DOT form RSPA F7100.1-1) for the years 2000 through 2004.

Response: Attached are copies of the U.S. Department of Transportation Office of Pipeline Safety (DOT form RSPA F7100.1-1) for the years 2000 through 2004.

Attachment DTE-3-11(a) - 2000 BSG F7100.1-1  
Attachment DTE-3-11(b) - 2001 BSG F7100.1-1  
Attachment DTE-3-11(c) - 2002 BSG F7100.1-1  
Attachment DTE-3-11(d) - 2003 BSG F7100.1-1  
Attachment DTE-3-11(e) - 2004 BSG F7100.1-1

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed \$1,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$200,000 as provided in 49 USC 1678.



U.S. Department of Transportation  
Research and Special Programs  
Administration

## ANNUAL REPORT FOR CALENDAR YEAR 2000 GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒  
SUPPLEMENTAL REPORT ☐

### PART A - OPERATOR INFORMATION

### DOT USE ONLY

1. NAME OF COMPANY OR ESTABLISHMENT  
Bay State Gas Company

2. LOCATION OF OFFICE WHERE ADDITIONAL  
INFORMATION MAY BE OBTAINED  
300 Friberg Parkway  
Number and Street  
Westborough Worcester  
City and County  
Massachusetts 01581-5039  
State and Zip Code

3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER  
(When Known) 1 0 / 1 / 2 / 0 / 9 /

4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT  
Same  
Number and Street  
  
City and County  
  
State and Zip Code

5. STATES IN WHICH SYSTEM OPERATES : Massachusetts

### PART B - SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year.

#### 1. GENERAL

GENERAL	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	543	133	0	1994	1063	881				
NO. OF SERVICES	66521	9665	0	52946	104455			609		

#### 2. MILES OF MAINS IN SYSTEM AT END OF YEAR 4614

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"
STEEL		930	710	883	131	16
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON		59	396	361	46	19
PLASTIC						
1 PVC						
2 PE		664	269	130		
3 ABS						
OTHER						
OTHER						
SYSTEM TOTALS		1653	1375	1374	177	35

#### 3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR 234,196 AVERAGE SERVICES LENGTH 70 FEET

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL		86278	39676	2994	184	
DUCTILE IRON						
COPPER		576	31	2		
CAST WROUGHT IRON						
PLASTIC						
1 PVC						
2 PE		77727	26017	658	53	
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		164581	65724	3654	237	

Form RSPA F 7100 1-1 (11-85)  
(Supersedes DOT F 7100.1-1)

*Reproduction of this form is permitted.*

# Bay State Gas Company Calendar Year 2000

PART C - TOTAL LEAKS			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR
CAUSE	ELIMINATED/REPAIRED DURING YEAR		0
	Mains	Services	
CORROSION	804	785	
THIRD PARTY	50	211	
OUTSIDE FORCE	111	21	
CONSTRUCTION DEFECT	2	2	
MATERIAL DEFECT	18	54	
OTHER	671	406	
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR <span style="float: right;">16</span>			<b>PART E - PERCENT OF UNACCOUNTED FOR GAS</b>  Unaccounted for gas as a percent of total  input for year ending 6/30 <span style="float: right;">3</span> %.
<b>PART F - ADDITIONAL INFORMATION</b>			
<b>PART G - PREPARER AND AUTHORIZED SIGNATURE</b>			

Edward Collins  
Prepared by (type/print)

(508) 836-7000  
Area Code/Telephone Number

Edward Collins Senior Engineer  
Name and Title of Person Signing

508) 836-7000  
Area Code/Telephone Number

Edward Collins  
Authorized Signature

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed \$1,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$200,000 as provided in 49 USC 1678. Form Approved OMB No. 2137-0522



U.S. Department of Transportation  
Research and Special Programs  
Administration

# ANNUAL REPORT FOR CALENDAR YEAR 2001 GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒  
SUPPLEMENTAL REPORT ☐

## PART A - OPERATOR INFORMATION

## DOT USE ONLY

1. NAME OF COMPANY OR ESTABLISHMENT

Bay State Gas Company

2. LOCATION OF OFFICE WHERE ADDITIONAL  
INFORMATION MAY BE OBTAINED

300 Friberg Parkway

Number and Street

Westborough Worcester

City and County

Massachusetts 01581-5039

State and Zip Code

3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER

(When Known) / 0 / 1 / 2 / 0 / 9 /

4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT

Same

Number and Street

City and County

State and Zip Code

5. STATES IN WHICH SYSTEM OPERATES : Massachusetts

## PART B - SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year.

### 1. GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	534	131	0	1995	1110	874				
NO. OF SERVICES	65292	9028	0	53117	108206			602		

### 2. MILES OF MAINS IN SYSTEM AT END OF YEAR 4644 miles

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"
STEEL		926	703	884	133	14
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON		59	393	358	45	19
PLASTIC						
1. PVC						
2. PE		696	276	138		
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		1681	1372	1380	178	33

### 3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR {236,245}

AVERAGE SERVICES LENGTH 70 FEET

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL		85433	38851	2972	181	
DUCTILE IRON						
COPPER		570	30	2		
CAST WROUGHT IRON						
PLASTIC						
1. PVC						
2. PE		80183	27288	681	54	
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		166186	66169	3655	235	

Form RSPA F 7100.1-1 (11-85)  
(Supersedes DOT F 7100.1-1)

*Reproduction of this form is permitted.*

PART C - TOTAL LEAKS			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR
CAUSE	ELIMINATED/REPAIRED DURING YEAR		
	Mains	Services	
CORROSION	686	766	0
THIRD PARTY	43	198	
OUTSIDE FORCE	76	45	
CONSTRUCTION DEFECT	2	2	PART E - PERCENT OF UNACCOUNTED FOR GAS
MATERIAL DEFECT	40	38	Unaccounted for gas as a percent of total
OTHER	589	566	input for year ending 6/30 0 %.
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR 12			

## PART F - ADDITIONAL INFORMATION

## PART G - PREPARER AND AUTHORIZED SIGNATURE

Edward Collins

Prepared by (type/print)

(508) 836-7000

Area Code/Telephone Number

Edward Collins Senior Engineer

Name and Title of Person Signing

508) 836-7000

Area Code/Telephone Number

*Edward Collins*

Authorized Signature

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed \$1,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$200,000 as provided in 49 USC 1678. Form Approved OMB No. 2137-0522



U.S. Department of Transportation  
Research and Special Programs  
Administration

## ANNUAL REPORT FOR CALENDAR YEAR 2002 GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒ X  
SUPPLEMENTAL REPORT ☐

### PART A - OPERATOR INFORMATION

### DOT USE ONLY

#### 1. NAME OF COMPANY OR ESTABLISHMENT

Bay State Gas Company

#### 2. LOCATION OF OFFICE WHERE ADDITIONAL INFORMATION MAY BE OBTAINED

300 Friberg Parkway

Number and Street

Westborough Worcester

City and County

Massachusetts 01581-5039

State and Zip Code

#### 3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER

(When Known) / 0 / 1 / 2 / 0 / 9 /

#### 4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT

Same

Number and Street

City and County

State and Zip Code

#### 5. STATES IN WHICH SYSTEM OPERATES : Massachusetts

### PART B - SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year.

#### 1. GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	527	112	0	2012	1140	869				
NO. OF SERVICES	63683	8891	0	53026	112266			599		

#### 2. MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"
STEEL		921	700	882	134	14
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON		59	390	355	46	19
PLASTIC						
1. PVC						
2. PE		717	282	141		
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		1697	1372	1378	180	33

#### 3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR

AVERAGE SERVICES LENGTH 70 FEET

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL		84596	37870	2955	179	
DUCTILE IRON						
COPPER		567	30	2		
CAST WROUGHT IRON						
PLASTIC						
1. PVC						
2. PE		82927	28584	698	57	
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		168090	66484	3655	236	

Form RSPA F 7100.1-1 (11-85)  
(Supersedes DOT F 7100.1-1)



PART C - TOTAL LEAKS			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR
CAUSE	ELIMINATED/REPAIRED DURING YEAR		
	Mains	Services	
CORROSION	613	688	0
THIRD PARTY	47	227	
OUTSIDE FORCE	53	18	
CONSTRUCTION DEFECT	1	3	
MATERIAL DEFECT	61	79	PART E - PERCENT OF UNACCOUNTED FOR GAS
OTHER	667	404	
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR 20			Unaccounted for gas as a percent of total input for year ending 6/30 0.28 %.

PART F - ADDITIONAL INFORMATION

PART G - PREPARER AND AUTHORIZED SIGNATURE

Edward Collins	(508) 580-0100 ext. 1715
Prepared by (type/print)	Area Code/Telephone Number
Edward Collins Project Engineer	508) 580-0100 ext.1715
Name and Title of Person Signing	Area Code/Telephone Number
Edward Collins	
Authorized Signature	

Form RSPA F 7100.1-1 ( 11-85 )  
(Supersedes DOT F 7100.1-1)

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed \$1,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$200,000 as provided in 49 USC 1678. Form Approved OMB No. 2137-0522



U.S. Department of Transportation  
Research and Special Programs  
Administration

## ANNUAL REPORT FOR CALENDAR YEAR 2003 GAS DISTRIBUTION SYSTEM

INITIAL REPORT ☒ X  
SUPPLEMENTAL REPORT ☐

### PART A - OPERATOR INFORMATION

### DOT USE ONLY

1. NAME OF COMPANY OR ESTABLISHMENT

Bay State Gas Company

2. LOCATION OF OFFICE WHERE ADDITIONAL  
INFORMATION MAY BE OBTAINED

300 Friberg Parkway

Number and Street

Westborough Worcester

City and County

Massachusetts 01581-5039

State and Zip Code

3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER

(When Known) / 0 / 1 / 2 / 0 / 9 /

4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT

Same

Number and Street

City and County

State and Zip Code

5. STATES IN WHICH SYSTEM OPERATES : Massachusetts

### PART B - SYSTEM DESCRIPTION

Report miles of main and number of services in system at end of year.

1. GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	507	109	0	2024	1177	867				
NO. OF SERVICES	62135	8402	0	52980	116809			599		

2. MILES OF MAINS IN SYSTEM AT END OF YEAR 4684

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"
STEEL		915	698	880	133	14
DUCTILE IRON						
COPPER						
CAST WROUGHT IRON		59	389	354	46	19
PLASTIC						
1. PVC						
2. PE		739	291	147		
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		1713	1378	1381	179	33

3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR


AVERAGE SERVICES LENGTH 70 FEET

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"
STEEL		83652	36754	2935	176	
DUCTILE IRON						
COPPER		567	30	2		
CAST WROUGHT IRON						
PLASTIC						
1. PVC						
2. PE		75250	40709	786	64	
3. ABS						
OTHER						
OTHER						
SYSTEM TOTALS		159469	77493	3723	240	

Form RSPA F 7100.1-1 (11-85)  
(Supersedes DOT F 7100.1-1)

PART C - TOTAL LEAKS			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR
CAUSE	ELIMINATED/REPAIRED DURING YEAR		
	Mains	Services	
CORROSION	771	902	0
THIRD PARTY	36	176	
OUTSIDE FORCE	84	36	
CONSTRUCTION DEFECT	5	2	
MATERIAL DEFECT	97	72	PART E - PERCENT OF UNACCOUNTED FOR GAS
OTHER	683	557	Unaccounted for gas as a percent of total
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR 101			input for year ending 6/30 0.7 %.
PART F - ADDITIONAL INFORMATION			
PART G - PREPARER AND AUTHORIZED SIGNATURE			
Edward Collins		(508) 580-0100 ext. 1715	
Prepared by (type/print)		Area Code/Telephone Number	
Edward Collins Project Engineer		508) 580-0100 ext.1715	
Name and Title of Person Signing		Area Code/Telephone Number	
Edward Collins			
Authorized Signature			

Form RSPA F 7100.1-1 ( 11-85 )  
(Supersedes DOT F 7100.1-1)

 U.S. Department of Transportation Research and Special Programs Administration	<b>ANNUAL REPORT FOR CALENDAR YEAR 2004</b> <b>GAS DISTRIBUTION SYSTEM</b>	INITIAL REPORT <input checked="" type="checkbox"/> <b>X</b> SUPPLEMENTAL REPORT								
<b>PART A - OPERATOR INFORMATION</b>		<b>DOT USE ONLY</b>								
1. NAME OF OPERATOR <u>Bay State Gas Company</u>		3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER <u>0 / 1 / 2 / 0 / 9 /</u>								
2. LOCATION OF OFFICE WHERE ADDITIONAL INFORMATION MAY BE OBTAINED <u>300 Friberg Parkway</u> <small>Number and Street</small> <u>Westborough, Worcester</u> <small>City and County</small> <u>Massachusetts 01581-5039</u> <small>State and Zip Code</small>		4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT  <small>Number and Street</small>  <small>City and County</small>  <small>State and Zip Code</small>								
5. STATE IN WHICH SYSTEM OPERATES: / <u>MA</u> / (provide a separate report for each state in which system operates)										
<b>PART B - SYSTEM DESCRIPTION</b>		Report miles of main and number of services in system at end of year.								
1. GENERAL										
	STEEL									
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED	PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	OTHER
MILES OF MAIN	477	106		2034	1255	846				
NO. OF SERVICES	60529	7585		52973	121058			5		
2. MILES OF MAINS IN SYSTEM AT END OF YEAR 4718										
MATERIAL	UNKNOWN	2" OR LESS		OVER 2" THRU 4"		OVER 4" THRU 8"		OVER 8" THRU 12"		OVER 12"
STEEL		905		692		874		133		13
DUCTILE IRON										
COPPER										
CAST/WROUGHT IRON		59		376		347		45		19
PLASTIC										
1. PVC										
2. PE		786		311		158				
3. ABS										
OTHER										
OTHER										
SYSTEM TOTALS		1750		1379		1379		178		32
3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR 24274										
										AVERAGE SERVICE LENGTH <u>70</u> FEET
MATERIAL	UNKNOWN	1" OR LESS		OVER 1" THRU 2"		OVER 2" THRU 4"		OVER 4" THRU 8"		OVER 8"
STEEL		82565		35451		2903		168		
DUCTILE IRON										
COPPER		563		30		2				
CAST/WROUGHT IRON										
PLASTIC										
1. PVC										
2. PE		77889		42284		810		75		
3. ABS										
OTHER										
OTHER										
SYSTEM TOTALS		161017		77765		3715		243		

Form RSPA F 7100.1-1 (03-05)

*Reproduction of this form is permitted.*

4. MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION										
	UN- KNOWN	PRE- 1940	1940- 1949	1950- 1959	1960- 1969	1970- 1979	1980- 1989	1990- 1999	2000- 2009	TOTAL
MILES OF MAIN	7	811	99	515	1213	496	564	759	251	4718
NUMBER OF SERVICES	0	16133	4038	14192	36029	32515	48234	64521	27046	242740

PART C - TOTAL LEAKS ELIMINATED/REPAIRED DURING YEAR			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR	
CAUSE OF LEAK	Mains	Services	<div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">0</div>	
CORROSION	674	847		
NATURAL FORCES	118	3		
EXCAVATION	50	223		
OTHER OUTSIDE FORCE DAMAGE	0	0		
MATERIAL OR WELDS	44	50		
EQUIPMENT	0	0		
OPERATIONS	0	0		
OTHER	917	444		
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR <span style="border-bottom: 1px solid black; display: inline-block; width: 100px; text-align: center;">50</span>			<b>PART E - PERCENT OF UNACCOUNTED FOR GAS</b>  Unaccounted for gas as a percent of total input for the 12 months ending June 30 of the reporting year.  <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">             [(Purchased gas + produced gas)              minus (customer use + company use + appropriate adjustments)]              divided by (purchased gas + produced gas) equals percent unaccounted for.           </div>  Input for year ending 6/30 <span style="border-bottom: 1px solid black; display: inline-block; width: 50px; text-align: center;">0.75</span> %.	

**PART F - ADDITIONAL INFORMATION**

**PART G - PREPARER AND AUTHORIZED SIGNATURE**

<u>Edward Collins, Project Engineer</u> (type or print) Preparer's Name and Title	<u>(508) 580-0100 ext 1715</u> Area Code and Telephone Number
<u>ecollins@nisource.com</u> Preparer's email address	<u>(508) 583-9079</u> Area Code and Facsimile Number
<u>Edward Collins, Project Engineer</u> Name and Title of Person Signing	<u>(508) 580-0100 ext 1715</u> Area Code and Telephone Number
<u>Edward Collins</u> Authorized Signature	

Form RSPA F 7100.1-1 (03-05)

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE  
THIRD SET OF INFORMATION REQUESTS FROM THE D.T.E.  
D. T. E. 05-27

Date: May 24, 2005

Responsible: Danny G. Cote, General Manager

DTE-3-14 Refer to Exh. BSG/DGC-4. Please provide the number of customer meters for the years 1992 through 2004 for each municipality. Indicate the Company service area(s) for each municipality.

Response: Please see Attachment DTE-3-14 for the requested information. Each page reflects a given year of Bay State's Annual Report (i.e., Page 7) filed with the Department.









GENERAL INFORMATION - Continued

[illegible]

### GENERAL INFORMATION - Continued

[illegible]



GENERAL INFORMATION - Continued

[illegible]

### GENERAL INFORMATION - Continued

[illegible]

Annual report of .....BAY STATE GAS COMPANY.....Year ended December 31, 2000

**GENERAL INFORMATION - Continued**

Names of the cities or towns in which the company supplies GAS, with the number of customers' meters in each place.		Names of the cities or towns in which the company supplies GAS, with the number of customers' meters in each place.	
City or Town	Number of Customers' Meters, Dec.31, 2000	City or Town	Number of Customers' Meters, Dec.31, 2000
Agawam	7,021	Marshfield	7,575
Andover	6,834	Medfield	2,387
Attleboro	7,470	Medway	2,226
Avon	1,009	Mendon	51
Bellingham	1,999	Methuen	12,143
Berkley	87	Middleboro	14
Bridgewater	2,939	Millis	1,005
Brockton	19,473	Monson	102
Canton	5,517	Norfolk	310
Carver	2	North Andover	5,412
Chicopee	13,218	Northampton	5,776
Dighton	659	Norton	3,437
Dover	85	Norwell	1,401
Duxbury	2,884	Palmer	138
East Bridgewater	1,927	Pembroke	3,090
East Longmeadow	4,000	Plympton	133
Easthampton	3,127	Randolph	6,738
Easton	3,440	Raynham	1,108
Florence	2,097	Rehoboth	91
Foxborough	3,975	Scituate	4,479
Franklin	6,869	Seekonk	2,320
Granby	246	Sharon	4,707
Halifax	751	South Hadley	3,775
Hampden	761	Southwick	394
Hanover	2,500	Springfield	38,155
Hanson	1,800	Stoughton	6,590
Holbrook	1,954	Taunton	13,356
Indian Orchard	2,663	Walpole	4,636
Lakeville	306	Westfield	1
Lawrence	20,554	West Bridgewater	1,385
Leeds	337	West Springfield	8,434
Longmeadow	4,775	Wilbraham	2,571
Ludlow	3,992	Wrentham	1,412
Mansfield	4,675		
	139,946		145,352
		TOTAL	285,298

GENERAL INFORMATION - Continued

[illegible]



[illegible]

\* Total Customers' Meters is active meters at December 31, 2002

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GENERAL INFORMATION - Continued

Names of the cities or towns in which the company supplies GAS, with the number of customers' meters in each place.		Names of the cities or towns in which the company supplies GAS, with the number of customers' meters in each place.	
City or Town	Number of Customers' Meters, Dec.31, 2003	City or Town	Number of Customers' Meters, Dec.31, 2003
Abington	48	Marshfield	7,128
Agawam	7,093	Medfield	2,415
Andover	6,880	Medway	2,267
Attleboro	7,479	Mendon	54
Avon	1,003	Methuen	12,391
Bellingham	1,843	Middleboro	54
Berkley	82	Millis	1,040
Belchertown	1	Monson	108
Braintree	1	Norfolk	339
Bridgewater	3,061	North Andover	5,703
Brockton	19,242	Northampton	5,777
Canton	5,377	Norton	3,667
Carver	2	Norwell	1,461
Chicopee	12,954	Palmer	153
Dighton	631	Pembroke	3,216
Dover	80	Plympton	129
Duxbury	2,964	Randolph	6,635
East Bridgewater	1,967	Raynham	1,266
East Longmeadow	4,141	Rehoboth	83
Easthampton	3,126	Scituate	4,580
Easton	3,644	Seekonk	2,283
Florence	2,070	Sharon	4,136
Foxboro	3,692	Sherborn	2
Franklin	6,932	South Hadley	3,608
Granby	244	Southwick	487
Halifax	742	Springfield	36,389
Hampden	757	Stoughton	6,561
Hanover	2,636	Taunton	13,072
Hanson	1,825	Walpole	4,696
Holbrook	1,974	Westfield	1
Indian Orchard	2,520	West Bridgewater	1,372
Lakeville	308	West Springfield	8,326
Lawrence	19,896	Wilbraham	2,616
Leeds	327	Wrentham	1,425
Longmeadow	4,769		
Ludlow	4,091		
Mansfield	4,582		
	138,936		143,440
		TOTAL *	282,376

\* Total Customers' Meters is active meters at December 31,2003

GENERAL INFORMATION - Continued

\* Total Customers' Meters is active meters at December 31, 2004